

Please delete the present Abstract of the Disclosure.

Please add the following new Abstract of the Disclosure:

A manufacturing method of an ink-jet recording head for improving relative positional accuracy between a piezoelectric element and a pressure generating chamber to improve ink ejection characteristics and stability thereof. The manufacturing method includes the steps of: forming a passage-forming layer on a passage-forming substrate and imparting etching selectivity to a region that will be a space portion of the passage-forming layer; forming a vibration plate on the passage-forming layer and a piezoelectric element; performing anisotropic etching on the passage-forming substrate to form a penetrated portion at least to a region that will be the space portion, etching the passage-forming layer to form the space portion, and forming a pressure generating chamber opposite the space portion; and joining a nozzle plate to the passage-forming substrate.